



**AAEON**Technology INC.  
ISO-9001/ISO-14001 Certified  
Industrial Automation PCs

# **AMB-220A/OPD-212**

## **QE Shock Test Report**

Release Date : Jan. 23, 2002

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**Issue Stamp**

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**QE Manager**

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**Test Engineer**

# Shock

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**Model Name** : AMB-220A / OPD-212A

**Test Date** : 01-23-2002

**Test Site** : AAEON QE Dept.

**Performed by** : Rex Chang

## **TEST ENVIRONMENT :**

**Temperature** : 20  $\pm$

**Humidity** : 70  $\pm$ 20%RH

## **SHOCK TEST SPECIFICATION :**

**Wave Form** : **Half Sine Wave (Operating)**

**Acceleration** : **30g**

**Duration** : **11ms**

**No. of shock** : **Each axis 3 times**

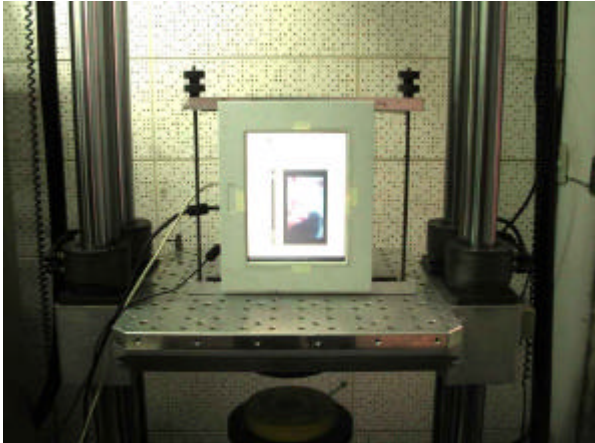
**Shock Direction** : **Bottom, Left, Top, Right, Front, Back, axis**

## **TEST RESULT :**

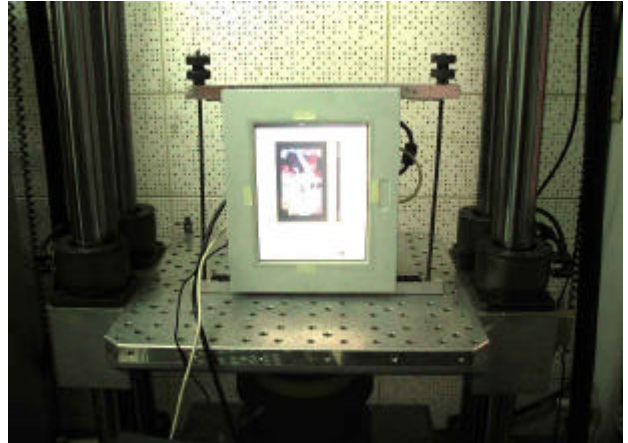
**Item 1 : System structure doesn't deformation , LCD display function is OK during system test.**

## Testing photos

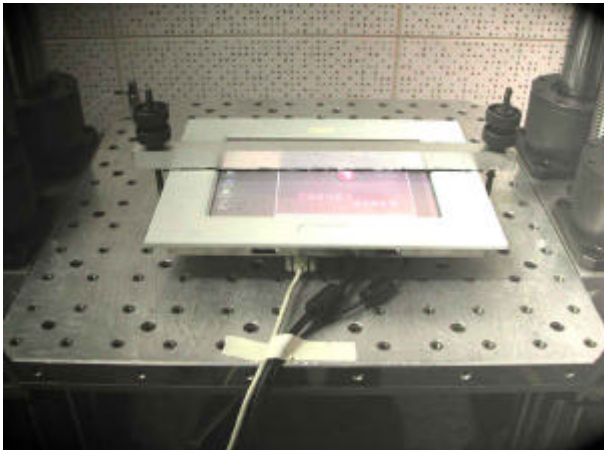
Right



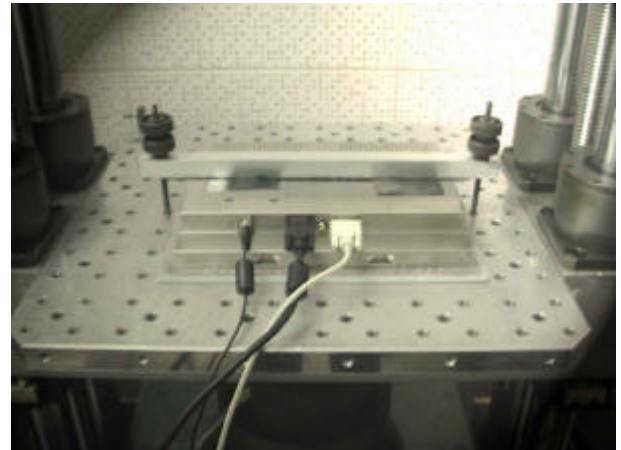
Left



Back



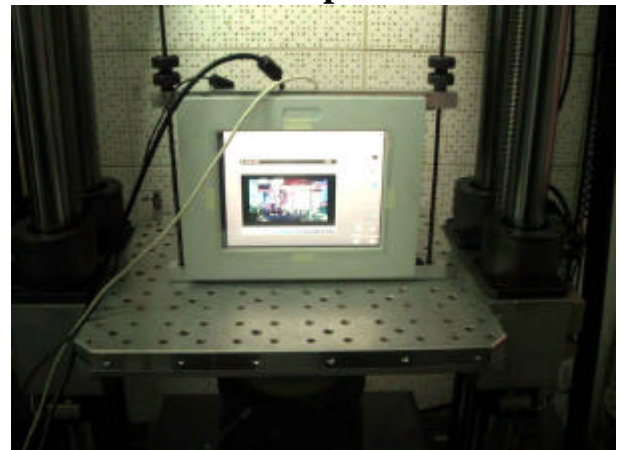
Front



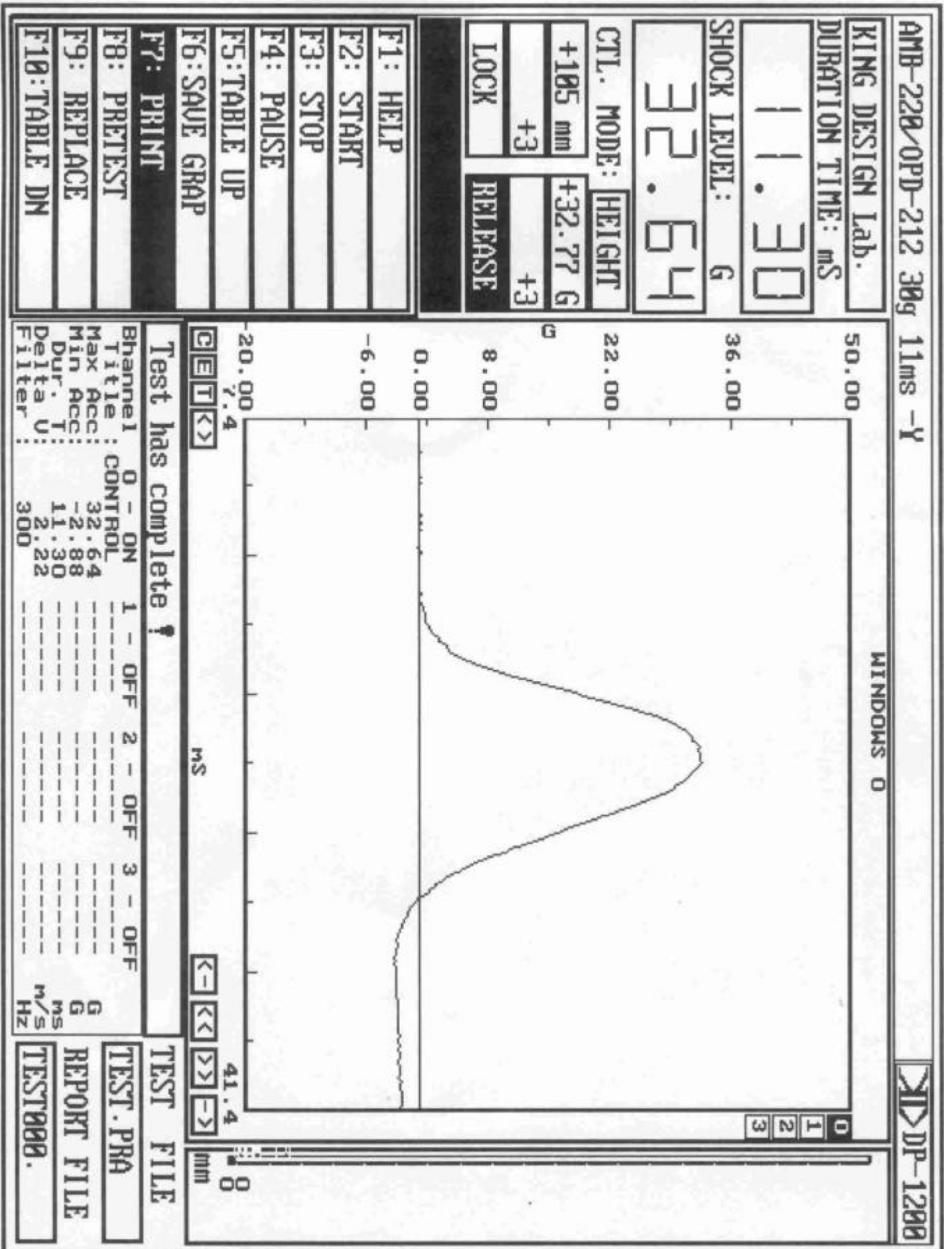
Bottom



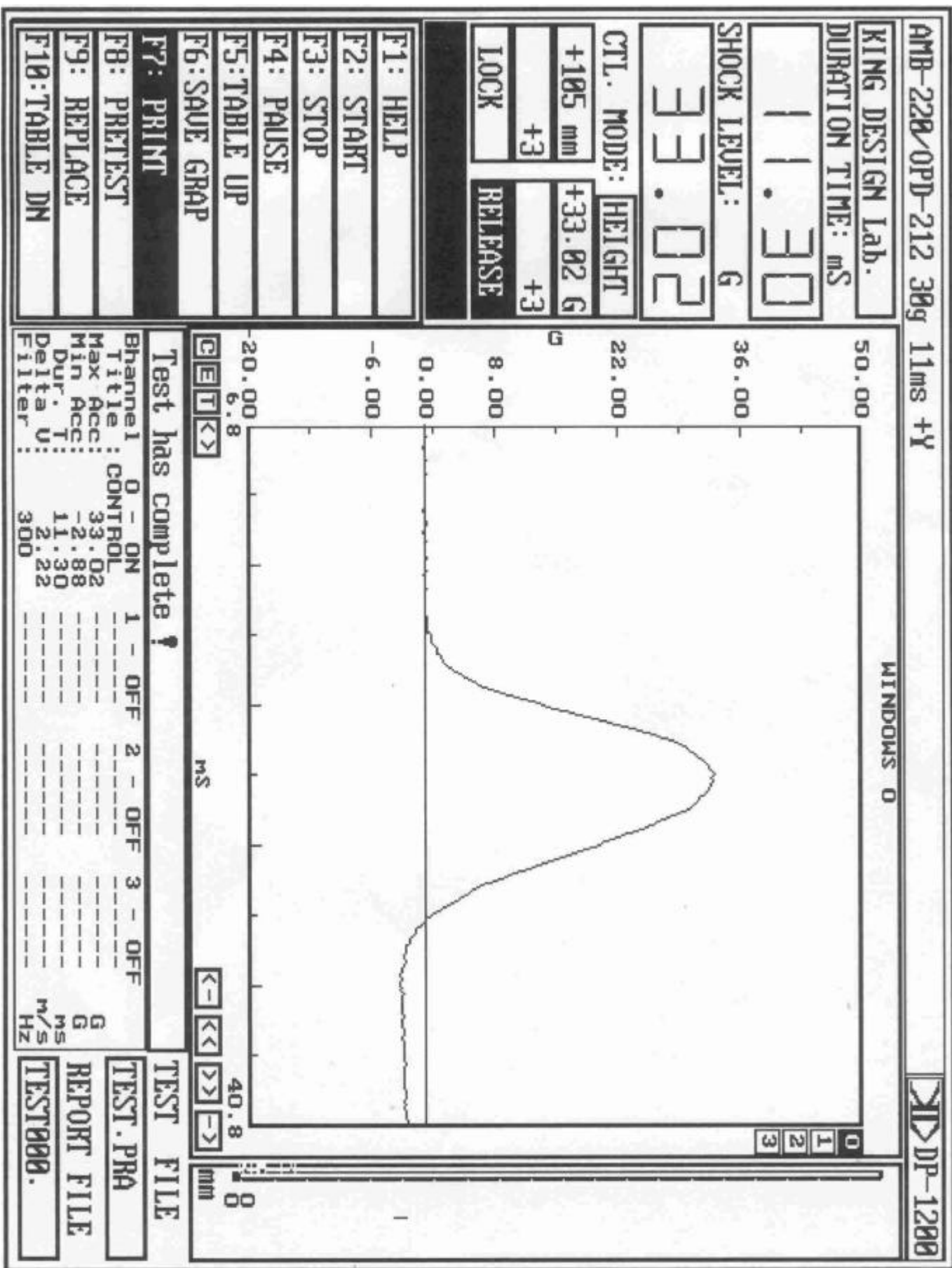
Top



Right



Left



AMB-228/OPD-212 30g 11ms +Y

KING DESIGN Lab.

DURATION TIME: mS

11.30

SHOCK LEVEL: G

33.02

CTL. MODE: HEIGHT

+105 mm

+33.02 G

+3

+3

LOCK

RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

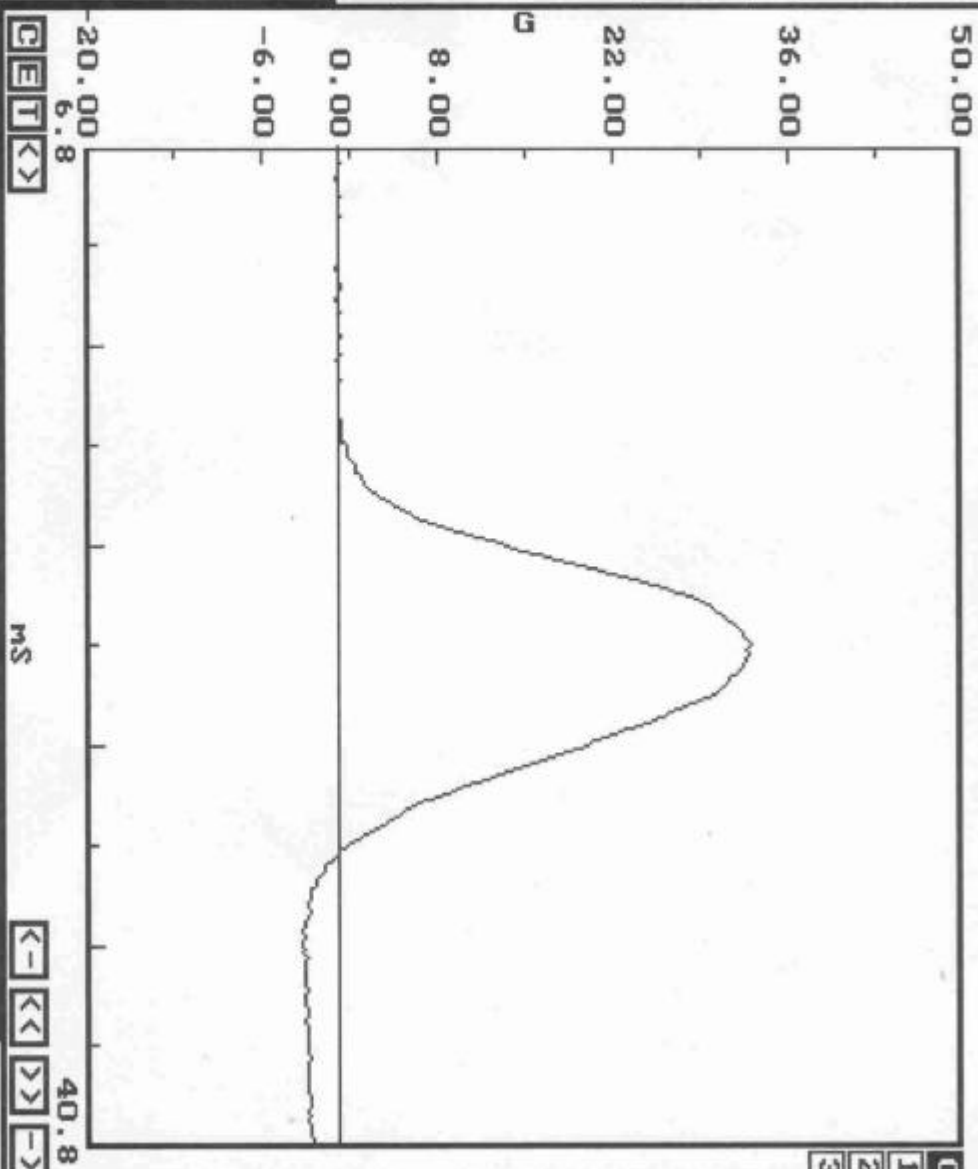
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



| Bhannel | 0       | 1       | 2       | 3       |
|---------|---------|---------|---------|---------|
| Title   | CONTROL | CONTROL | CONTROL | CONTROL |
| Max Acc | 33.02   | 33.02   | 33.02   | 33.02   |
| Min Acc | -2.88   | -2.88   | -2.88   | -2.88   |
| Dur. T  | 11.30   | 11.30   | 11.30   | 11.30   |
| Delta U | 2.22    | 2.22    | 2.22    | 2.22    |
| Filter  | 300     | 300     | 300     | 300     |

KID DP-1200

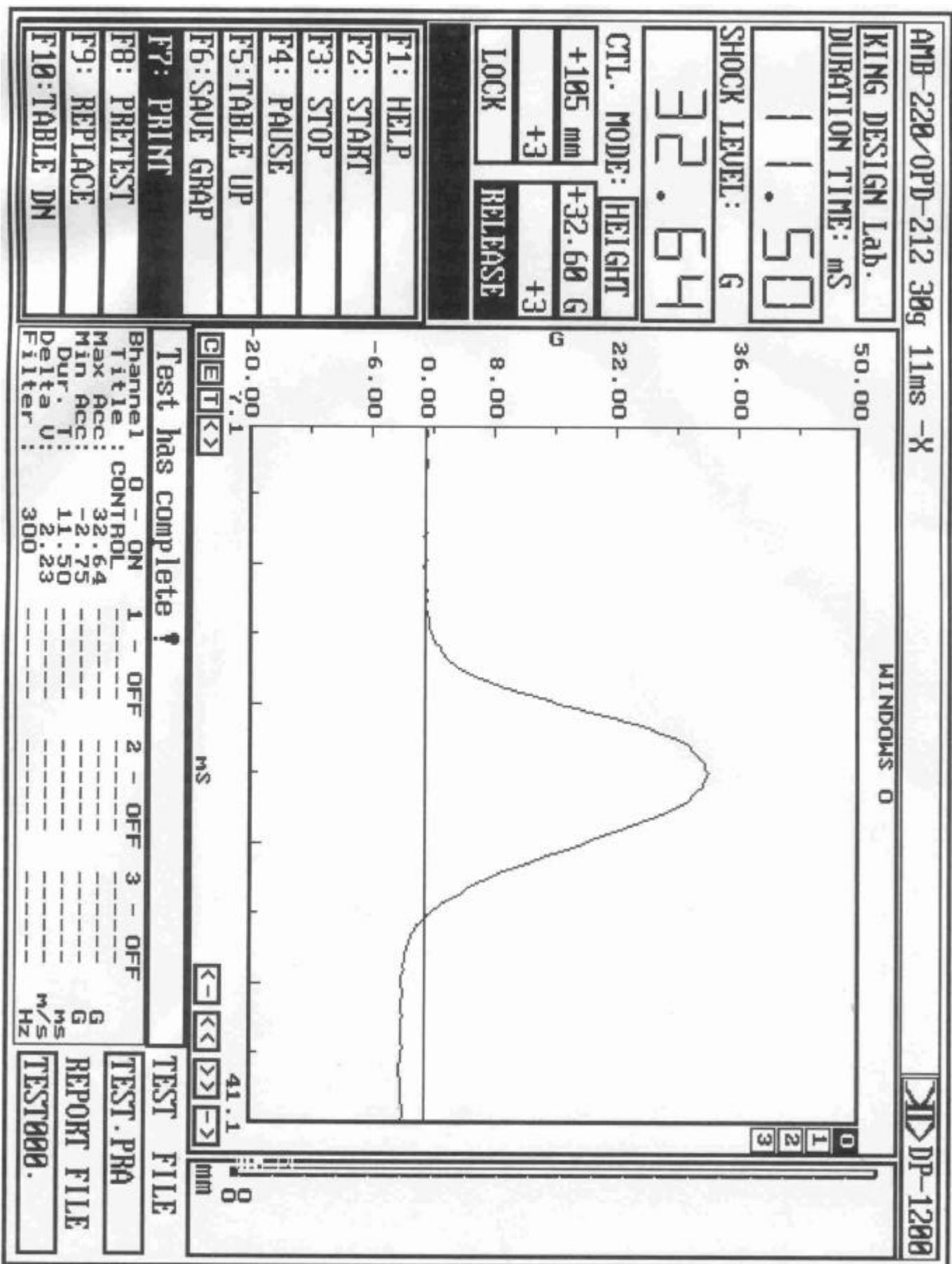
TEST FILE

TEST.PRA

REPORT FILE

TEST000.

Front



Back

AMB-220/OPD-212 30g 11ms +X

MD DP-1200

KING DESIGN Lab.

WINDOWS 0

DURATION TIME: mS

11.40

SHOCK LEVEL: G

32.52

CTL. MODE: HEIGHT

+105 mm

+32.64 G

+3

+3

LOCK

RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

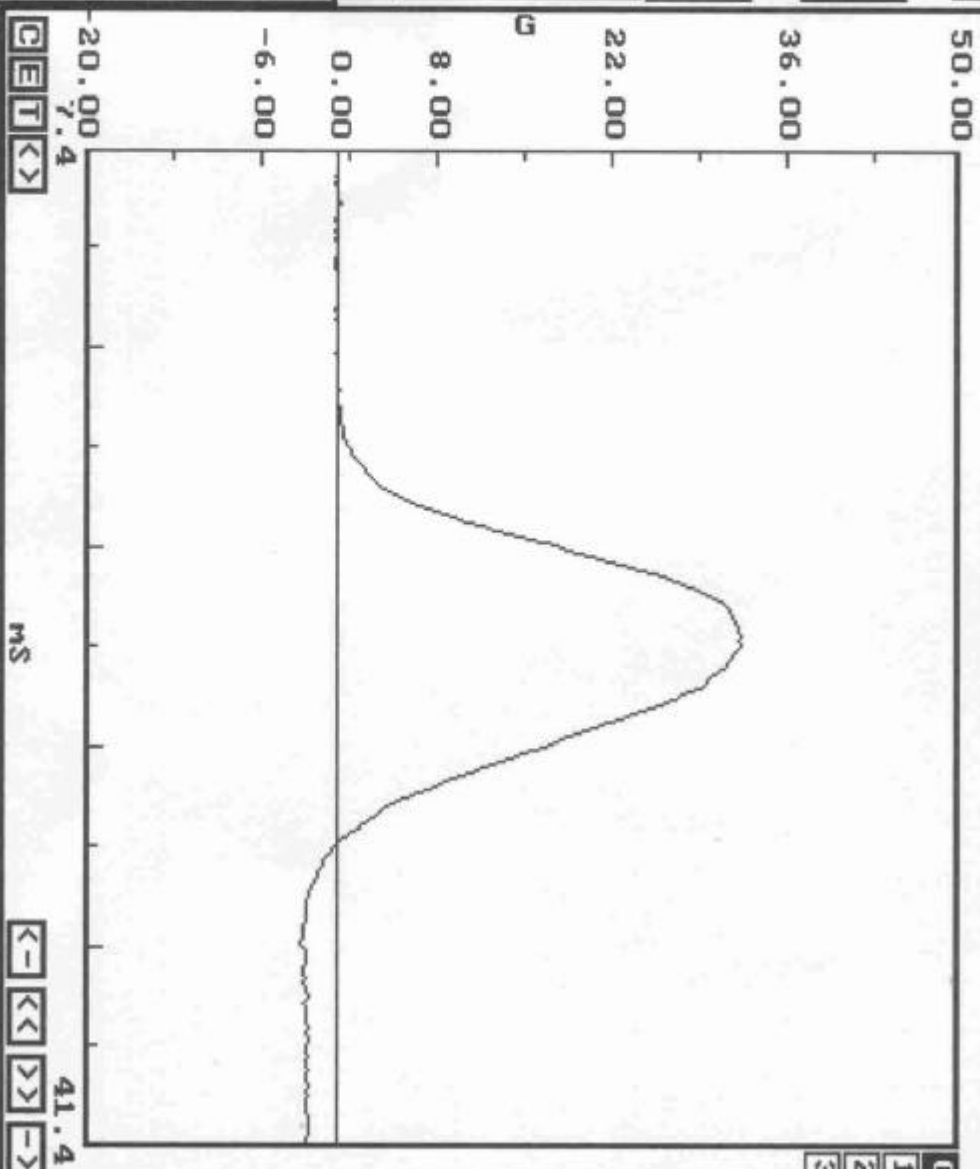
F6: SAUE GRAP

F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN



Test has complete

|         |         |    |   |     |   |     |   |     |
|---------|---------|----|---|-----|---|-----|---|-----|
| Bhannel | 0       | ON | 1 | OFF | 2 | OFF | 3 | OFF |
| Title   | CONTROL |    |   |     |   |     |   |     |
| Max Acc | 32.52   |    |   |     |   |     |   |     |
| Min Acc | -2.88   |    |   |     |   |     |   |     |
| Dur. T  | 11.40   |    |   |     |   |     |   |     |
| Delta U | 2.22    |    |   |     |   |     |   |     |
| Filter  | 300     |    |   |     |   |     |   |     |

TEST FILE

TEST.PRA

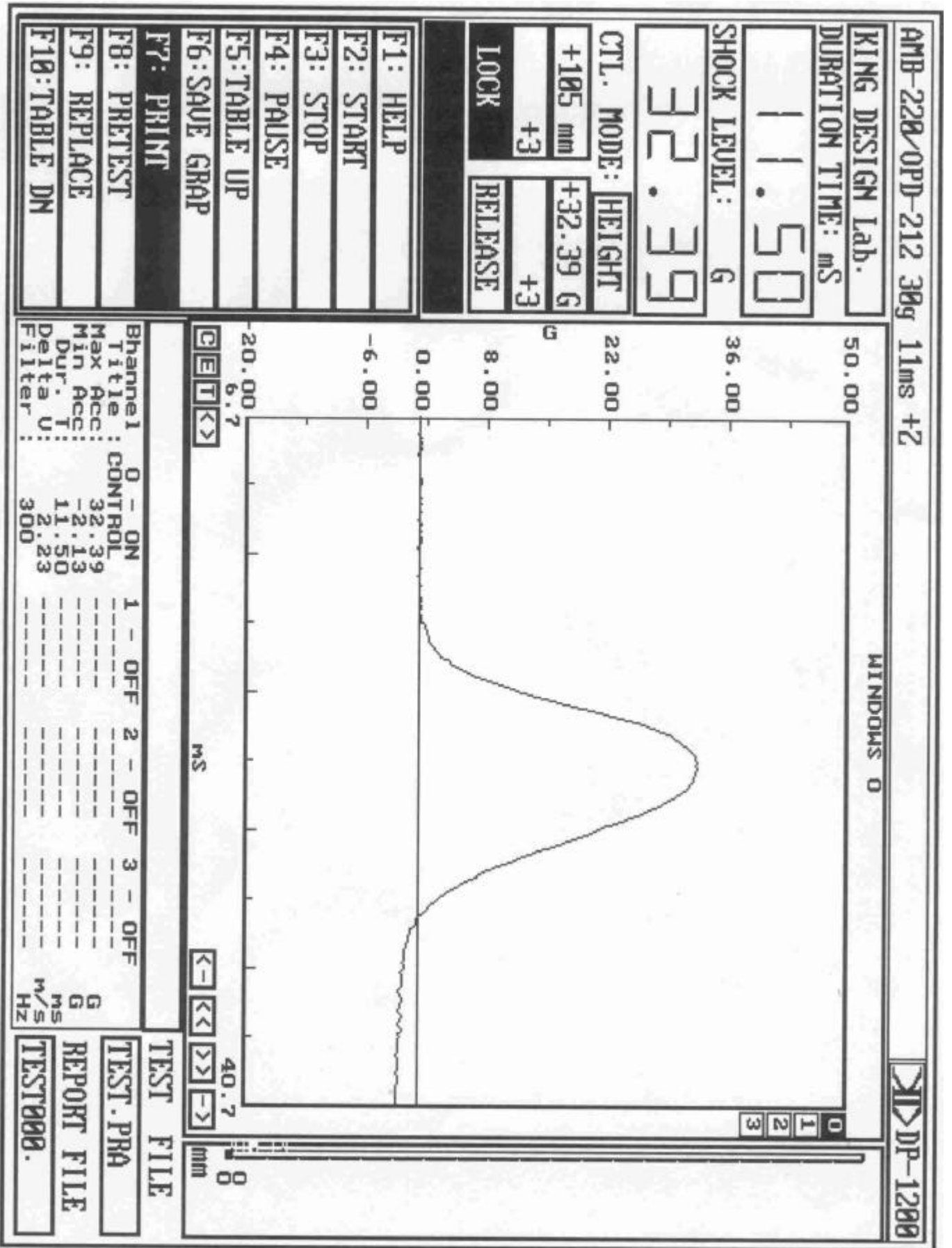
REPORT FILE

TEST000.





Bottom



AMB-228/OPD-212 38g 11ms -2

MD DP-1288

KING DESIGN Lab.

DURATION TIME: mS

11.50

SHOCK LEVEL: G

32.27

CTL. MODE: HEIGHT

+185 mm +32.35 G

+3 +3

LOCK RELEASE

F1: HELP

F2: START

F3: STOP

F4: PAUSE

F5: TABLE UP

F6: SAUE GRAP

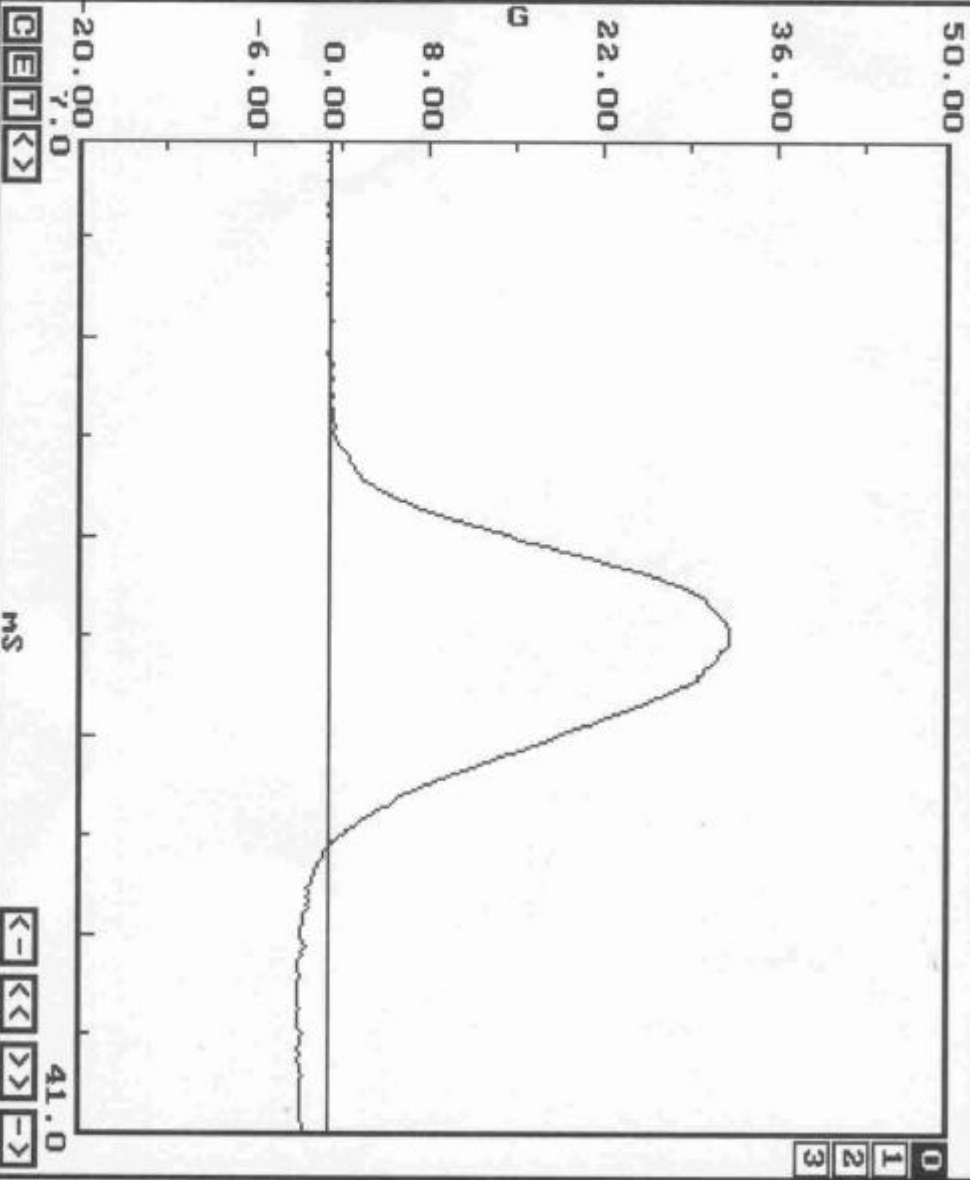
F7: PRINT

F8: PRETEST

F9: REPLACE

F10: TABLE DN

WINDOWS 0



Test has complete ?

| Bhanel 1 | 0 - ON  | 1 - OFF | 2 - OFF | 3 - OFF |     |
|----------|---------|---------|---------|---------|-----|
| Title    | CONTROL |         |         |         |     |
| Max Acc  | 32.27   |         |         |         | G   |
| Min Acc  | -2.50   |         |         |         | G   |
| Dur. T   | 11.50   |         |         |         | ms  |
| Delta U  | 2.21    |         |         |         | m/s |
| Filter   | 300     |         |         |         | Hz  |

TEST FILE

TEST.PRA

REPORT FILE

TEST000.

Top